

SPBS SERIES - BATTERY BACKUP SYSTEMS

FEATURES

SPBS-10HF-6 AND SPBS-12HF-10 SERIES

- 12 VDC backup pump
 - Durable non-corrosive pump housing with stainless steel fasteners
 - Easily removed bottom suction screen for serviceability and maintenance
 - Diaphragm switch activated
- 115 VAC primary pump
 - Heavy-duty cast iron construction
 - Energy-efficient permanent split capacitor (PSC) motor with automatic reset thermal overload protection
 - 1-1/2" FNPT discharge piping size
 - Lift ring for easy and quick installation
- Pre-assembled
- Check valve, elbow connector, and pump coupling
- Battery box holds size 27, 12 V deep cycle battery (battery not included)
 *Recommended 12 VDC deep cycle battery, lead acid or AGM
- Model 506411
 - 12 VDC backup pump
 - 42 gpm (159 lpm) at 0 ft (0 m) and 20 ft (6.1 m) shut-off
 - 10 amp controller/charger/alarm unit
 - 1/3 hp, 115 VAC primary pump
 - 53 gpm (201 lpm) at 5 ft (1.5 m) of lift and 28 ft (8.5 m) shut-off



■ Model 506410

- 12 VDC backup pump
- 53 gpm (201 lpm) at 0 ft (0 m) and 23 ft (7 m) shut-off
- 12 amp controller/charger/alarm unit
- 1/2 hp, 115 VAC primary pump
- 67 gpm (254 lpm) at 5 ft (1.5 m) of lift and 36 ft (11 m) shut-off

SERIES SPECIFICATIONS

ITEM NO. 506411 - MODEL NO. SPBS-10HF-6

							Charging Uni	t								
Item No.	Model No.	Volts	Hz	Max Input Amps at 115 VAC			Max Output Amps at 15 VAC			Watts	atts Cord (ft)		Weight (lbs)		Battery Leads (ft)	
106469	1210HF	115 VAC	60	3			10			345		6′		5	6'	
						Bac	kup Pump Sv	vitch								
Item No.	Model No.	Volts	Hz	Switc	Switch-On Level		Switch-Off Level			Watts	atts Cord (ft)		Weight (lbs)		Battery Leads (ft)	
105601	RS-12	12 VDC	-		13.5"		9"			-		7'		0.5	-	
							Backup Pump)								
Item No.	Model No.	Volts	Hz	An	mps Wat		GPM @ Height in Feet			,	Shut-Off	(ft)	PSI	Cord (f	t) Weight	(lba)
item no.	Model No.	VOILS	HZ	FLA	Start	VVall	0′	5′	10	ر ا	Silut-Oil	(11)	P31	Cora (i	t) weight	(Zai)
106963	2500	12 VDC	-	14	32	168	42	29	20)	20'		8.7 6'		6	
							Primary	Pump								
Item No.	Madel No	Volto	Hz	Ηр	Amps	Watt		GPM @ He	eight in	Feet		Shu	tt-Off	PSI	Covd (ft)	Wajah
	Model No.	Volts	HZ	пр	FLA	Watts	5'	10′	15	'	20'	(ft)	PSI	Cord (ft)	Weigh
506807	6EC-CIA-SFS	115 VAC	60	1/3	5	600	53	50	42	2	34	2	28′	11.7	10'	3

ITEM NO. 506410 - MODEL NO. SPBS-12HF-10

							Charging Unit													
Item No.	Model No.	Volts	Hz	Max Input	Amps at 15	VDC	Max Output A	Amps at 12	VDC	Watts	Co	ord (ft) \	Neight (lbs)	Battery Leads	s (ft)				
106486	1212HF	115 VAC	60		3		12			345		6'	5		6'					
Backup Pump Switch																				
Item No.	Model No.	Volts	Hz	Switcl	n-On Level		Switch-Off Level			Watts	Cc	ord (ft) \	Weight (lbs)		Battery Leads (ft)					
105601	RS-12	12 VDC	-		13.5"		9"		-		9' 0.5		-		ight (lbs) 6 ight (lbs) 26					
							Backup	Pump												
Item No.	Model No.	Volts	Hz	An	nps	Watts		GPM @ He	ight in	Feet		Shut-Off (ft)	PSI	Cord (ft)	Wojak	at (lbc)			
item No.	Piodei No.	VOILS	112	FLA	Start	vvall	0'	5'	10	' 1	5′	Silut-Oil (I	(11)		Cold (It)	weigi	it (ins)			
106961	3360	12 VDC	-	15	32	180	53	39	24	1 1	3	23'		10	6'		6			
							Primary	Pump												
Item No.	Model No.	Volts	П-	U-7	Hz	П-	Нр	Amps	Watts	GPM @ Height in			Feet		Shut-Off (1	ff (ft) PSI		Cord (ft)	Weigh	nt (lhe)
item No.	Piodel No.	VOILS	112	Tip	FLA	Wall	' 5'	10'	20)' 3	0′	Jilut-Oil (I	1 (10)		Cold (It)	vveigi	it (ius)			
510803	10EC-CIA-SFS	115 VAC	60	1/2	6.5	750	67	57	47	7 2	18	36'	1	5.6	10'	2	16			

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SPBS-10HF AND SPBS-12HF SERIES

- 12 VDC backup pump
 - Durable non-corrosive pump housing with stainless steel fasteners
 - Easily removed bottom suction screen for serviceability and maintenance
- Diaphragm switch
- Check valve, elbow connector, and pump coupling
- Battery box holds size 27, 12 V deep cycle battery (battery not included) * Recommended 12 VDC deep cycle battery, lead acid or AGM
- Model 506406
 - 12 VDC backup pump
 - 42 gpm (159 lpm) at 0 ft (0 m) and 20 ft (6.1 m) shut-off
 - 10 amp controller/charger/alarm unit
- Model 506407
 - 12 VDC backup pump
 - 53 gpm (201 lpm) at 0 ft (0 m) of lift and 23 ft (7 m) shut-off 12 amp controller/charger/alarm unit



SERIES SPECIFICATIONS

ITEM NO. 506406 - MODEL NO. SPBS-10HF

							Charging Ur	nit													
Item No.	Model No.	Volts	Hz	Max Inpu	t Amps at 1	15 VAC	Max Output	Amps at 1	15 VAC	Watts	Cord (ft) V	Weight (lbs)	Battery Leads (ft)							
106469	1210HF	115 VAC	60		3			10		345	6′		5	6'							
						Ba	ckup Pump S	witch													
Item No.	Model No.	Volts	Hz	Swi	tch-On Leve	el	Switc	h-Off Leve		Watts	Cord (ft) V	Weight (lbs)	Battery Leads (ft)							
105601	RS-12	12 VDC	-		13.5"			9"		-	9'		0.5	-							
							Primary Pur	np													
Item No.	Model No.	Volto	Volto	Volto	Volta	Volts	Volto	Volto	Volto	Н	Amps		Watts	GPM @ Height in Feet			Shut-Off (ft)		PSI	Cord (ft)	Maight (lbs)
item No.	Model No.	VOILS	ĦΖ	FLA	Start	Walls	0'	5′	10′	3Hut-	(ונ) ווכ	P31	Cora (II)	Weight (lbs)							
106963	2500	12 VDC	-	14	32	168	42	29	20	2	0'	8.7	6'	6							

ITEM NO. 506407 - MODEL NO. SPBS-12HF

							Charging U	nit								
Item No.	Model No.	Volts	Hz	Max Input Amps at 115 VDC			Max Output Amps at 12 VDC		Watts	Cord (ft)	Weigh	ht (lbs)	Battery Leads (ft)			
106486	1212HF	115 VAC	60	3			12			345	6′		5	6'		
						Bac	kup Pump !	Switch								
Item No.	Model No.	Volts	Hz	Swi	Switch-On Level			Switch-Off Level			Cord (ft)	Weigh	ht (lbs)	Battery Leads (ft)		
105601	RS-12	12 VDC	-		13.5"			9"			9'	0.5		-		
							Prima	ry Pump								
Item No.	Model No.	Volts	Volte	Hz	Amps		Watts	GPM @ Height in F			eet	Shut-Off (ft)	PSI	Cord (ft)	Weigh
	Model No.	VUILS	112	FLA	Start	vvalls	0'	5′	10'	15'	Silut-Oil (וט'	roi	Colu (II)	vveigii	
106961	3360	12 VDC	-	15	32	180	53	39	24	13	23'		10	6′	6	



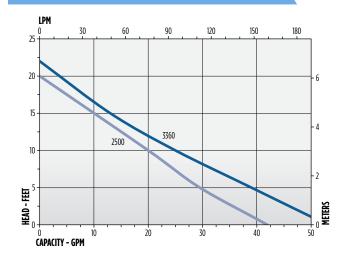
SPBS SERIES - BATTERY BACKUP SYSTEMS

FEATURES

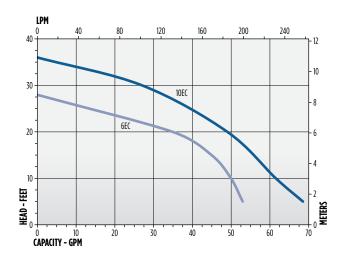
CONTROLLER/CHARGER/ALARM

- Input: 120 VAC, 3 Amp
- Output (Maximum Charging Current):
 - Model 1210HF: 12 VDC, 10 Amps with SPBS-10HF and SPBS-10HF-6
 - Model 1212HF: 12 VDC, 12 Amps with SPBS-12HF and SPBS-12HF-10
- Use only with 12 VDC deep cycle battery rated 85-140Ah, lead-acid or AGM
 - A controller/charger monitors the battery condition and charges the battery when required. It also alerts the homeowner when the system has operated or when possible flooding conditions exist.
 - Microprocessor controlled charging unit maintains a maximum battery charge. Built-in overcharge protection to prevent damage to the battery.
 - Battery continually monitored to maintain full charge
 - Test button to manually run backup pump to ensure proper operation
 - Protects against reverse polarity, short circuits, and input overloads
 - Audible alarm during 12 VDC pump operation
 - Indicator lights (LED) for:
 - Power On
 - Charging
 - Pump Run
 - High Water
 - Battery Charge Level
 - Replace Fuse

PERFORMANCE



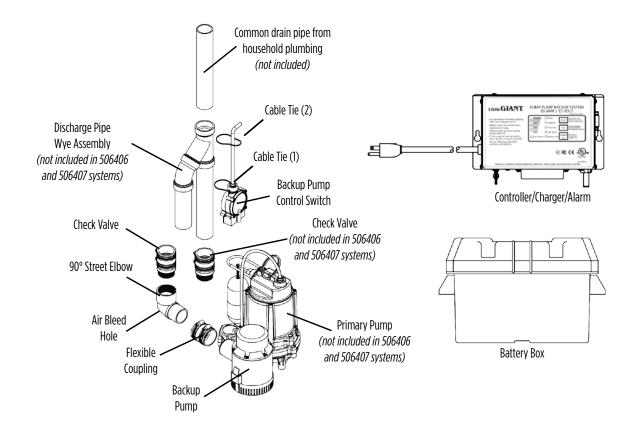




6EC - SPBS-10HF-6, 1/3 hp Primary Pump 10EC - SPBS-12HF-10, 1/2 hp Primary Pump

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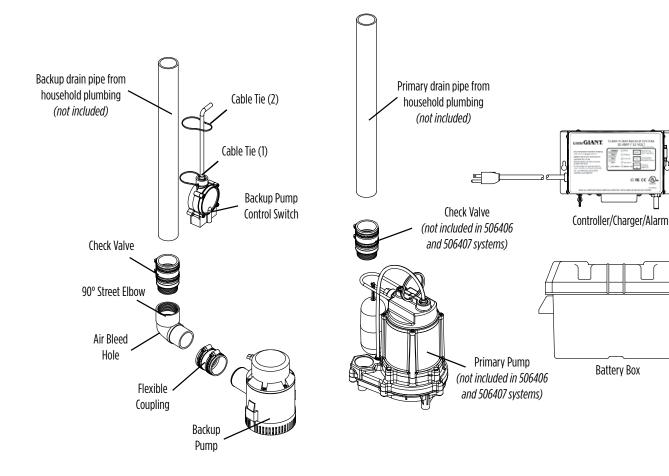
BACKUP SYSTEM ON A COMMON DISCHARGE



Little GIANT.

SPBS SERIES - BATTERY BACKUP SYSTEMS

BACKUP SYSTEM ON A SEPARATE DISCHARGE



SPBS SERIES - BATTERY BACKUP SYSTEMS

TYPICAL INSTALLATION

